

4-6/3/46.

Field Trip No. 15. - Cooma, Gindabyne, Kosciuszko.

Species collected, and corrected altitudes, in red ink.

4/3. Canberra Station. 69315. 10.30 am. ^{1840'} 1840. (28.40). 357. Colinton.
2434'. A. pusilla, C. tenuifera (n), Acrida turrita, Peakesia
11.40 am. 27.77". (In future will set 1840' = 28.40") Acrida,
fuscomaculata (n)

Gastr., Phaul. Disturbed sral grasses & herbs along
sandy wash. Grassland. 364. Bredbo. 12.30 pm 72440.
A. pusilla, macrotoma australis, C. tenuifera, Phaulacridium vittatum

367. Grassland along gully. Gastr. & Chot. in gully. Acrida.
2515'. 2662' Oedaleus, A. vulgaris,

1 pm. 2560. 387. Cooma. 1.30 pm. 2720. 409. Berridale. 3.20 pm.
2910. A. pusilla, Brachypocarna, Phaulacridium vittatum

3010. Gastr. Oed. numerous. Grassland & vines on rise.
2920. A. pusilla, A. vulgaris, Oedaleus, Phaulacridium

422. 4 pm. 3040. Gastr. Acrida. Grassland, including
vittatum dry slope & moist depression & gully. 423. Gindabyne.
2977. 5018'

3100. 4.15 pm. 438. Hotel Kosciuszko. 4.45 pm. 5160.

5/3. 456. Summit 10.25. 7328' 7420 23.05. Descended
(L. Cootapatamba)

slowly towards a lake, approx. S. of summit.

Kosciuscola tristic (R), K. usitatus (R)

Two Kosciuskolas the only spp. in which the same
with tristic more num. than sp. 2,

proportions, down to 7140, where Chot. was seen on
6850 Phaulacridium vittatum 6788'
bare talus. 11.45. 6980 Poa-Celmisia. Phaul. 6920

lake. Skirted round its western margin. 7140 Phaul.
Phaulacridium vittatum, Kosciuscola sp. 2.

Turned north, approached summit from west. 1 pm.
7328'

summit 7500. During this survey practically no shrubs
were seen, Poa & Celmisia being quite predominant here.

Other spp. no sign of Monistria, Kosciuscola sp. 3 or

of the dimorphic Tetticonid. 458. Altitude peg 6617'

Phaulacridium vittatum, K. tristic (R), Monistria viridula, Kosciuscola
6840. Monistria among shrubs & Poa at
1.45 pm 6840. Monistria among shrubs & Poa at

6552'

6435'

6780'. Lowest point reached: 6680'. Here Kos. tristis was still predominant, but less so than at the summit. All the Monistria were olive-brown with yellow spots, & had the red arcs on the knees. Both nymphs & adults present.

69460.

Altitude peg 6292'

2.50 pm aneroid 6530'.

~~K. tristis~~, ~~K. sp. 2~~, P. vittatum, Percassa, Monistria ~~sp.~~ vinosa excelsa (R), Kosciuscola tristis tristis (R),

large patches regions of shrubs up to 1 ft. numerous.

K. usitatus (R)

Percassa among shrubs at about peg level. Lowest

6065'

Tristis

point: 6340'. Kosciuscola not common. Sp. 2 a little about equally

numerous than tristis. Tristis present at lowest

point. 6100' (altitude peg): tree line. 462'. altitude

Monistria ~~sp.~~ vinosa P. vittatum numerous shrubs, Poa, little Celmisia.

peg 6039' (Charlotte's Pass). 4 pm aneroid 6320'. 474.

5018

Hotel 5340' 5 pm.

5018

6/3: 474. Hotel. 9.45 am. 5350'. 485. Charlotte's Pass,

altitude 6039'. altimeter 6360' 10.20 am. 488. altitude

peg 5711', aneroid 6050', 10.30 am. Stunted mpha among

rocks on hill, elsewhere Poa & shrubs. Highest point

5850' 5678'

6190'. Plant. Lowest point: 6020'. Kosciuscola rare:

only sp. 2 present. Celmisia very rare.

[NB. The Poa-Celmisia Psan. is distinguished by the

great rarity & stoniness of shrubs, & the prominence of

Celmisia. As one approaches the tree line, low shrubs

enter to form an ecotone. In the alpine woodland,

shrubs are always numerous, & increase in size as one

descends. Celmisia rare, Poa much more luxuriant.

* tussocky in ground.
 69493. ^{Monistria vinosa, infer M.v. vinosa & M.v. scutellata (R)} ^{Monistria vinosa, infer M.v. vinosa & M.v. scutellata (R)} ^{Percassia, Aricaria sp.} ^{K. tristis, K. sp. 2, K. sp. 3}
 Altitude peg 5373'. Aneroid 5720 11.30 am. ^{uitatus (R)}
^{P. vittatum, K. sp. 3, K. sp. 4, Cuneatus (R)} 5468'
 numerous large shrubs, Poa. 5820' Both K. tristis & sp. 3
 found among Poa tussocks. 5508'
 5360' 5860' sp. 2, 3 & 4 in Poa.
 Lowest point: 5720'. Tristis here also. Shrubs were
 3 ft. high under dense mpho. on hill. 496. ^{Kosciuscola cognatus (R)} ^{Anerois}
 5086' ~~K. sp. 3~~, P. vittatum, K. sp. 2, uitatus (R)
 5450' 12.30 pm. Tristis rare (saw 2) Phaul. fairly common.
 Cleared from mpho, with regrowth. 497. Hotel.
 5018' 5142' ~~K. sp. 3~~, P. vittatum,
 Aneroid 5420', 2 pm. 499. Aneroid 5550'. Mpho. woodland
^{Kosciuscola cognatus (R)}
 to shrubs & Poa. Altitude peg 4867', aneroid 5280'. 500.
 4756' ^{Monistria vinosa (R)}, K. sp. 4, K. sp. 3. Oedaleus australis,
 Aneroid 5180'. Dalrympleana - pauciflora, shrubs & Poa.
^{Kosciuscola cuneatus (R), K. cognatus (R)}
Phaul. fairly common. K. sp. 3 very numerous.
Oedaleus & astr. along road side. 500. Altitude peg
 4652'. Aneroid 5090'. 501. Aneroid 4880'. Dalrympleana
^{P. vittatum, K. sp. 3, Exama, Zonitella sp., Kosciuscola cognatus (R)}
pauciflora. Acacia dealbata, to left, where forest
 undisturbed. where cleared, Poa & smaller shrubs.
G. australis ex. K. sp. 3 somewhat more numerous
 than Praxibulus. 501.9. Altitude peg. 4377', aneroid
 4830', 3.30 pm. 502.9. Altitude peg 4095'. aneroid
^{Kosciuscola cognatus (R), K. sp. 3, Cryptobothrus, Praxibulus, Kosciuscola cognatus (R)}
 4560. 3.40 pm. Dalrympleana - pauciflora. K. sp. 3
 more numerous than Prax. on Poa beneath trees. Oedaleus
 present on cleared open pasture along road. 504.
 3790' ^{Praxibulus A. trater}
 Aneroid 4260', 4.30 pm. Rubra or Dalrympleana, pauciflora
 dense, minimilis, small shrubs (D&F app. same)

Phaul. frater in cleared pasture along road. No Koo.

little Poa 505. Aneroid 3490'. Praxibutis ^{up to 100'} A. vulgaris, A. frater,
Oedaleus, Scama, Goniaca sp.

parviflora, minimatus, partly cleared along road. Some

shrubs up to 3 ft. Phaul - The cockchafers were feeding

on ripening minimatus. 506. Altitude pcq. 3290'. Aneroid

3760'. 5 pm.